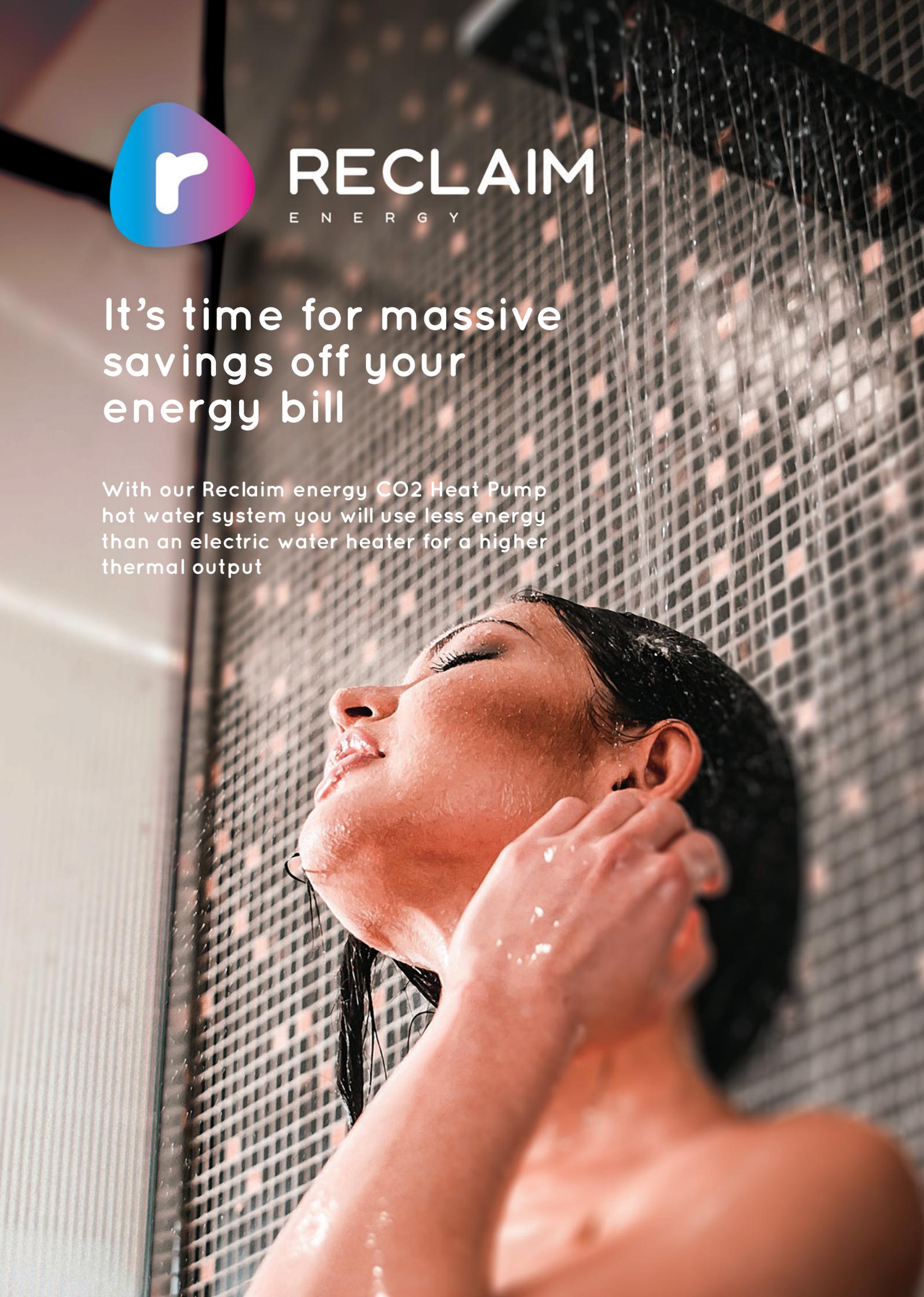




RECLAIM
ENERGY

It's time for massive savings off your energy bill

With our Reclaim energy CO2 Heat Pump hot water system you will use less energy than an electric water heater for a higher thermal output



MANAGING
YOUR ENERGY
EFFICIENCY
SIMPLY

Smart hot water is now a reality.

DOLLARS AND SENSE .

- . Average annual energy saving of up to 80%
- . Average running cost of \$360 per annum*
- . Average daily consumption of 3 kWh per day
- . Estimated payback period of 3 years
- . Warranty up to 15 years**

* Energy usage varies based on individual house hold requirements and location. Estimates provided here are based on the results of field trials undertaken in Australia across 2018. ** Our Stainless Steel Tanks come with a 15 year warranty.

PERFECT HOUSE GUEST .

- . The quietest system on the market (Average noise level: 37 dB) whisper quiet functionality
- . 315L tank size (Glass Lined Enamel or Stainless Steel - there are benefits to both depending on where you live and your water supply)
- . Ozone friendly CO2 refrigerant
- . Built-in frost control operation
- . Built in legionella control operation
- . Smart top down heating mechanism (faster hot water access and recovery)
- . User friendly controls puts power back in your hands!

SMART FEATURES .

- . PV setting allows customers to maximise the energy they produce to offset their hot water energy costs. (making the most of when the sun is shining)
- . Single shot boost (providing you with additional hot water quickly and as needed)
- . Off peak (ensuring your energy use coincides with off peak energy rates)
- . Continuous hot water (simply set and forget to enjoy continuous energy efficient low cost hot water)

REBATES . (Values of the rebates subject to change)

MODEL NAME	TANK TYPE	STC IN ZONE 3	STC IN ZONE 4	STC IN ZONE 5
REHP-CO2-315GL	Glass Lined	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SST	Stainless steel tall	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SSQ	Stainless steel squat	32 = \$1152	34 = \$1224	34 = \$1224

Metro
31 VEEC = \$558
Regional
33 VEEC = \$594*

Victorians have an additional state government "Solar Hot Water" rebate of \$1,000 available to residents.

HEAT PUMP SPECIFICATIONS .

Heat output at 30 C ambient/24 C cold water inlet	kW	4.8
Electric input at 30 C ambient/24 C cold water inlet	kW	0.86
COP at 30 C ambient/24 C cold water inlet	-	5.6
Standby power consumption	kW	0.0035
Power supply	V/Hz	240V/50 Hz (single phase)
Heat pump refrigerant	-	CO2 (R744)
Heat pump hot water delivery temperature	0C	63
Range of operating Ambient temperature	0C	-10 to 43
Heat pump unit weight	kg	48
Heat pump location	-	outdoor
Noise level	dB	37
Dimension (H x W x D)	mm	675*825*300
Rain resistance	-	IP*4
Water port connections (Inlet / Outlet)	Inch/mm	1/2" BSP, 12.7mm

TANK SPECIFICATIONS . (GLASS LINED OR STAINLESS STEEL)

Tank unit weight (empty)	kg	92
Storage tank volume (delivery)	L	315
PTRV pressure	kPa	700
Thermistor level on tank (% from top of the tank)	%	65
Height*Diameter Glass-lined AP315GLH	mm	1765 / 617
Height*Diameter Stainless steel (squat) APS315SH	mm	1490 / 685
Height*Diameter Stainless steel (tall) APS315TH	mm	2090 / 565

SMART CONTROLLER SPECIFICATIONS .

Controller power supply voltage and frequency	V/Hz	240/50 (single phase)
Signal from the controller to heat pump	V/Hz	12/50
Controller location	-	Mounted on wall or tank
Heat pump on/off temperature	C	37/59
Daily Self-Legionella control	-	60C at 45% level on tank
Operational mode (selectable by the end user)		5 available options *
- Option 1: 24 hours- continuous		
- Option 2: 9 hours (off-peak mode 1: 10p.m.-7 a.m.)		
- Option 3: 19 hours (off-peak mode 2: 10p.m.-5 p.m.)		
- Option 4: 6 hours (10 a.m. - 4 p.m.)		
- Option 5: Timer (two-zones)		

*A quick boost button run the heat pump for the maximum of 6 hours to provide quick hot water delivery

The potential for living off-grid.

WARRANTY .

Component	Model ID	Description	Warranty Period (Parts Only)
Controller	RCE-HP-CONT-V1	RECLAIM ENERGY Controller and sensor lead	1 year
Tank	RE315GLH AP315AGLH AP315GLH AP315GLG	RECLAIM ENERGY Glass-Lined tank	7 years
	APS315TH APS315SH	RECLAIM ENERGY Stainless steel	15 years
Heat pump	EHPE-4540P	PCB (main) PCB display Motor Sensors * 6 (Compressor charge/discharge, water inlet/outlet, ambient and frost thermistors) Reactor Expansion valve coil Water Pump	6 years
		Refrigeration components (compressor, evaporator, water heat exchanger)- Unit replacement	6 years
Valves	-	700 kPa PTRV	1 year

DEALER DETAILS .

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